

# For Health Hazard Applications

Job Name \_\_\_\_\_  
 Job Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Approval \_\_\_\_\_

Contractor \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Contractor's P.O. No. \_\_\_\_\_  
 Representative \_\_\_\_\_

## Series 995 Reduced Pressure Zone Assemblies

**Sizes: 1/2" – 1 1/2" (15 – 40mm)**

Series 995 Reduced Pressure Zone Assemblies are designed to protect the potable water supply in accordance with national plumbing codes and water authority requirements. The 995 can be used in a variety of installations, including health hazard cross-connections in internal piping systems and for containment at the service line entrance.

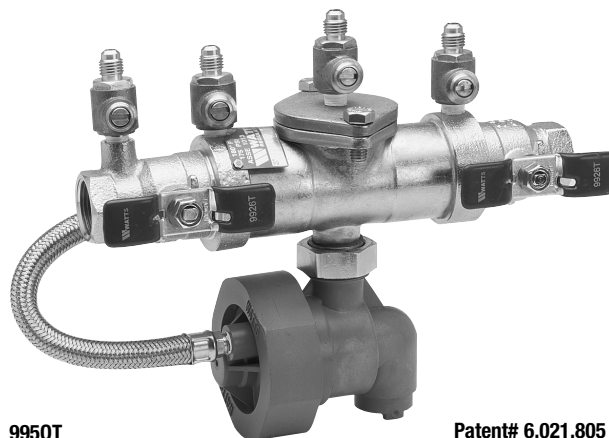
Series 995 features two in-line, independently operating modular check valves, a bottom mounted hydraulically operated differential relief valve, two ball valve shutoff valves, four test cocks, and is serviceable without the use of special tools.

### Features

- Tubular lead free copper body creates smooth flow path and low head loss
- External/internal electroless nickel-plated body acts as an oxygen barrier for corrosion resistance
- Threaded-in check modules eliminate the use of check retainers for lower pressure loss
- Bottom mounted relief valve reduces end-to-end dimensions allowing smaller enclosures and space requirements
- Separate relief valve access cover allows the check modules to be serviced independently of the relief valve
- Unique relief valve cover nut design eliminates use of cover bolts and simplifies alignment
- Flexible stainless steel braided hose, senses supply pressure at the mid-point of the body to reduce fouling
- Check relief valve seats are replaceable without the use of special tools
- Modular check valves feature captured springs and replaceable disc rubber
- Bolted on, top entry stainless steel check valve cover features an O-ring seal to limit torque requirements
- Crush seal check module O-ring for positive seating

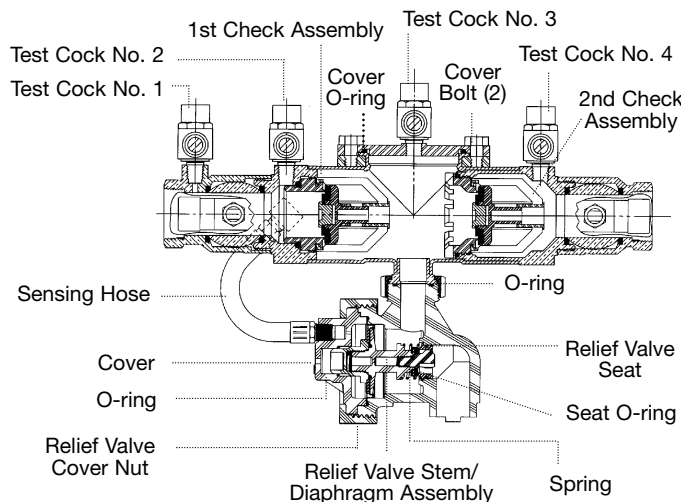
### Specifications

A Reduced Pressure Zone Assembly shall be installed at each potential health hazard location to prevent backsiphonage and/or backpressure backflow. The assembly shall consist of a corrosion resistant plastic bodied relief valve located in a zone between two positive seating check modules with captured springs and silicone discs. Seats and seat discs shall be replaceable without the use of special tools. Check modules shall be threaded into the valve adapters and check retainers/spacers shall not be utilized to retain the check. Check module construction shall include built-in limit stops to prevent disc wear due to backpressure. A braided stainless steel hose shall be used to transmit supply pressure to the top of the relief valve diaphragm. Service of check valve components shall be through a single stainless steel access cover secured with stainless steel bolts. The assembly shall include two nickel plated resilient seated ball valve shutoffs and four top mounted test cocks. The assembly shall have an electroless nickel-plated tubular copper body. The assembly shall meet the requirements of ASSE 1013 and AWWA C511. The assembly shall be a Watts Regulator Company Series 995.



995QT

Patent# 6,021,805



### Models

**Suffix:**  
 S – Bronze strainer

**IMPORTANT: INQUIRE WITH GOVERNING AUTHORITIES  
 FOR LOCAL INSTALLATION REQUIREMENTS**

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## Pressure – Temperature

Temperature Range: 33°F – 180°F (5°C – 75°C) continuous  
 Maximum Working Pressure: 175psi (12.06 bar)

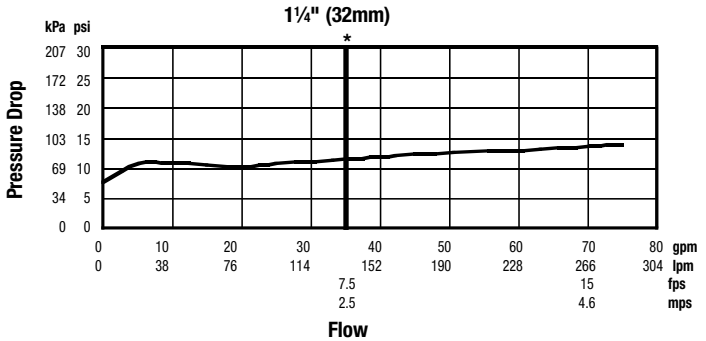
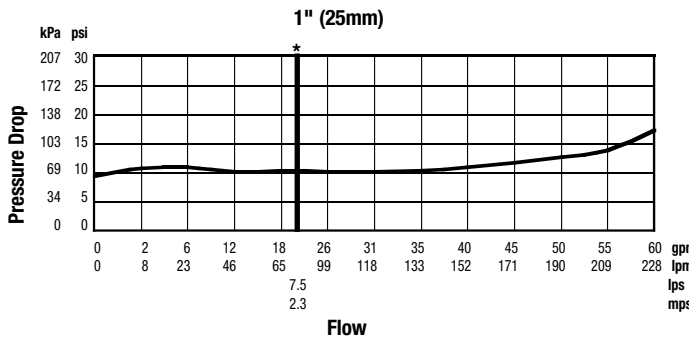
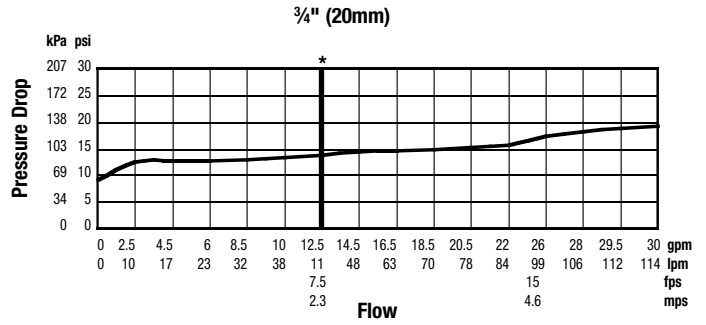
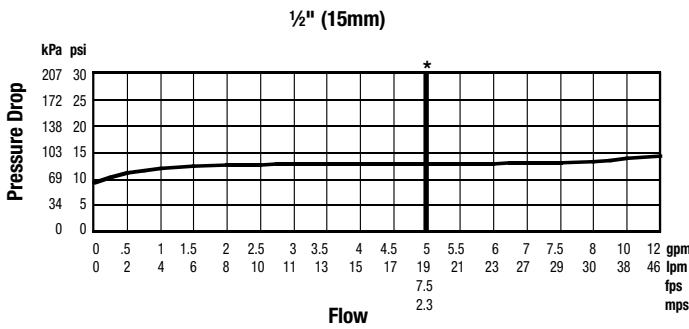
## Standards

AWWA C511, USC-FCCC&HR

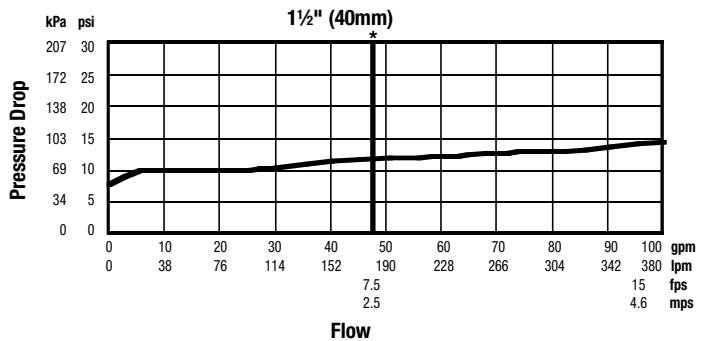
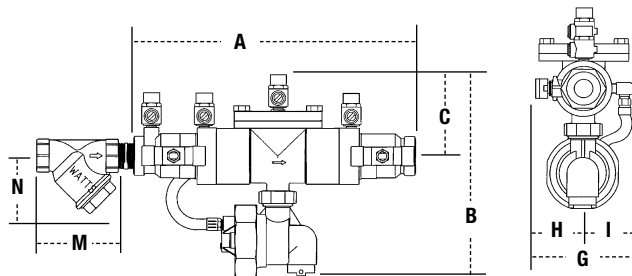
Approvals  
 USC-FCCC&HR



## Capacity \*Typical maximum system flow rate (7.5 feet/sec.)



## Dimensions – Weights



SIZE (DN)		DIMENSIONS										WEIGHT							
in.	mm	A		B		C		G		H		I		M		N		lbs.	kg.
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm		
1/2	15	9	228	7 1/4	184	2 5/8	67	3 5/8	92	1 5/8	41	2	51	3	76	3	76	5	2
3/4	20	9	228	7 1/4	184	2 5/8	67	3 5/8	92	1 5/8	41	2	51	3 1/2	89	3	76	5	2
1	25	11 1/2	292	8 1/16	205	3 5/16	84	4 1/8	105	2	51	2 1/8	54	4 3/4	121	3 1/4	83	7	3
1 1/4	32	15 3/8	390	11	279	4 7/16	113	6	152	3 1/4	82	2 3/4	69	4 1/2	114	3 1/2	89	18	8
1 1/2	40	15 3/8	390	11	279	4 7/16	113	6	152	3 1/4	82	2 3/4	69	4 7/8	124	4	102	18	8

†Subscript "S" = strainer model



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